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Determination of high-order lens aberration using phase/amplitude linear algebra

H Fukuda, K Hayano, S Shirai - *Journal of Vacuum Science & Technology B: Microelectronics* ..., 1999 - [link.aip.org](#)
 ... carried out assuming the obtained aberration coefficients, and ... with scanning electron microscopy images of real ... which can account for Zernike lens aberrations ...

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Increased higher-order optical aberrations after laser refractive surgery A problem of subclinical ...

M Mrochen, M Kaemmerer, P Mierdel, T Seiler - *Journal of Cataract & Refractive Surgery*, 2001 - Elsevier
 ... changes and the calculated changes in Zernike coefficients. ... less than 1.0 mm on ocular aberrations means there ... by the surgeon—the first Purkinje image (P) of ...

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[HTML] ► Impact of lens aberrations on optical lithography

TA Brunner - *Journal of Research*, 1997 - [research.ibm.com](#)
 ... member of the first eleven Zernike aberrations, but similar ... Both coma and spherical aberration were found to cause larger image deviations when was small ...

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Aberration retrieval using the extended Nijboer-Zernike approach

P Dirksen, J Braat, AJEM Janssen, C Juffermans - *Journal of Microlithography, Microfabrication, and* ..., 2003 - [link.aip.org](#)
 ... image intensity using the retrieved Zernike coefficients and compared it with the experimental image intensity as ... The dominant aberration is 5th-order X-coma ...

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[CITATION] Dynamics of the eye's wave aberration - ► UTM.ES [PDF]

H Hofer, P Artal, B Singer, JL Aragón, DR Williams - *Journal of the Optical Society of America A*, 2001 - OSA
 ... this simulation was 128 sets of Zernike coefficients describing ... for PA's static wave aberration would have ... have clearly seen in the HS image sequences, were ...

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[CITATION] One-dimensional spectral of turbulence-induced Zernike aberrations: time-delay and isoplanicity

...
 F Roddier, MJ Northcott, JE Graves, DL McKenna, D ... - *JOURNAL-OPTICAL SOCIETY OF AMERICA A*, 1993 - OSA

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The tuning of a Zernike phase plate with defocus and variable spherical aberration and its use in ... -

► [gr.c.org](#) [PDF]
 M Lentzen - *Ultramicroscopy*, 2004 - Elsevier
 ... by lens aberrations, by an ideal Zernike phase plate ... proper choice of defocus and spherical aberration still yields ... and non-linear part of the image intensity. ...

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[CITATION] Statistical variation of aberration structure and image quality in a normal population of healthy

...
 LN Thibos, X Hong, A Bradley, X Cheng - *Journal of the Optical Society of America A*, 2002 - OSA

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Measuring optical image aberrations with pattern and probe based targets

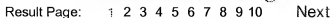
G Robins, K Adam, A Neureuther - *Journal of Vacuum Science & Technology B: Microelectronics* ..., 2002 - [link.aip.org](#)
 Measuring optical image aberrations with pattern and probe based ... the ability of

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MC Roggemann, TJ Schulz - APPLIED OPTICS, 1998 - OSA

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